









Date: March 29, 2016

Soldering Iron Testers

								
Model	ST2200	FG101-16 (Celsius Model)	FG101-10 (Fahrenheit Model)	FG100	WA2000	Quick192	8001-0087-P1	MCA700 II
Manufacturer	Wahl	Hakko	Hakko	Hakko	Weller	PMTech Limited	PACE	BONKOTE
Temperature Range	50°F to 1300°F (10°C to 700°C)	0 to 700°C	32 to 1300°F	32 to 1300°F (0 to 700°C)	32 to 1040°F (0 - 560°C)	32°F to 1200°F (0°C to 600°C)	1 to 1200°F (1°C to 600°C)	32 to 999°F (0 to 600°C)
Temperature Accuracy	±0.1% of reading ± 1 digit	±3°C (300 to 600°C), ±5°C (other ranges)	±6°F (between 572 and 932°F), ±10°F (other ranges)	±3°C (300 to 600°C), ± 5°C (other ranges)	Contact Pyrometer, ±.1% over a ten degree span (stability) Auxiliary T/C, ±.5% of reading (Absolute) ±1 digit.	±3°C (±6°F)		±4°C (±6°F)
Temperature Resolution	0.1°F or 1°F	1°C	1°F	1°C	1°F or 1°C, user selectable	1°C	0.1°F or 1°F	1°C (1°F)
Tip Ohms Range	0-99.9 Ohms	0 to 40 Ohms	0 to 40 Ohms	0 to 2 Ohms	0 to 100 Ohms	0-90 Ohms		0 - 99.9 Ohms
Tip Ohms to Ground Accuracy	(0-20 Ohms ±0.1 Ohms), (20-100 Ohms ±0.5% of reading)	± (5% of reading + 1 Digit)	± (5% of reading + 1 Digit)		1% of reading ±.2 Ohms	±(1% + 2 Digits)		± (4% reading + 0.3 Ohms)
Tip Ohms to Ground Resolution	Resolution: 0.01 or 0.1 Ohms	0.1 ohm	0.1 ohm		0.1 Ohm	0.1 Ohm		
Tip mV to Ground Range	0 - 30 mV	0 to 2.0mV	0 to 40mV (AC)	0 to 2.0mV	0 to 100 mV RMS, Crest Factor of 3	0 to 90 mV (AC)		0 - 99.9 mVAC
Tip mV to Ground Accuracy	±0.1mV	±5% +1 digit	±5% +1 digit		1% of Reading ±0.2mV	±(3% + 2 Digits)		± (3% reading + 0.3mv)
Voltage Resolution	0.01mV or 0.1mV	0.1mV	0.1mV	0.1mV	0.1mV	0.1mV		0.1mV
Input Voltage	110 or 120 VAC	120 VAC	120 VAC	9V Battery	9VDC Battery (50 hrs)	Battery Powered	9VDC Battery	AC100, 120, 220V
Warranty	3 Years	1 Year	1 Year				1 Year	1 Year